

ZJ Series High Pressure Piston Grease Pump

ZJ-3502 · ZJ-3512 · ZJ-3602 · ZJ-3612 · ZJ-6502 · ZJ-6512 ...

DC 12 V or 24 V piston pump rated 30 MPa, handling grease up to NLGI 2#, with one or two independent piston mechanisms.

	RATED PRESSURE 30 MPa	GREASE NLGI 000# - 2#
	RESERVOIR 2 · 3 · 4 · 8 L	SUPPLY DC 12 V / 24 V

HOW IT WORKS

A DC motor continuously drives an eccentric mechanism whose piston reciprocates to pump and deliver grease; an integrated check valve prevents backflow from the main line. The paddle presses grease from the reservoir along the grease baffle into the suction section at the pump base, and releases entrained air through the grease buffer and exhaust vent. The safety valve is preset at 30 MPa.

Each outlet needs its own piston mechanism and the pump accepts up to two. Two mechanisms are available: ZJ-3602-05 with fixed output and ZJ-3602-05V with variable output.

Control is either time-programme (ZJ-3602-08-02A) or time-travel (ZJ-3602-08-02B), on the pump's own controller or from the machine's PLC. A pressure switch gives a pressure signal and a liquid level switch a level signal, so the circuit can be monitored at distance.

SPECIFICATION

Type	High pressure piston grease pump
Rated operating pressure	30 MPa (safety valve preset)
Piston mechanisms (outlets)	1 or 2 sets · fixed (ZJ-3602-05) or variable (ZJ-3602-05V)
Reservoir capacity	PC: 2 / 3 / 4 / 8 L · metal: 2 / 4 L
Used lubricants	NLGI 000# - 2# grease · mineral oil 40 mm ² /s
Paddle rotation	Counterclockwise
Operating voltage	DC 12 V / 24 V
Operating rotary speed	22 r/min
Idling current	0.8 A / 0.4 A at +20 °C

Full-load current	4.0 A / 2.0 A at +20 °C
Fusing current	5 A / 3 A
Protection rating	IP55

ZJ SERIES HIGH PRESSURE PISTON GREASE PUMP

AMAG-DS-ZJ-01 · SELECTION & ORDERING

MODEL SELECTION

MODEL	PISTON MECHANISMS	CONTROLLER	RESERVOIR
ZJ-3502 · ZJ-3602	1 set	Without – external PLC	2 L PC (1.9 kg)
ZJ-3512 · ZJ-3612 · ZJ-3522 · ZJ-3622	1 set	Time-programme or time-travel	2 L PC (1.9 kg)
ZJ-6502 · ZJ-6602	2 sets	Without – external PLC	2 L PC (1.9 kg)
ZJ-6512 · ZJ-6612 · ZJ-6522 · ZJ-6622	2 sets	Time-programme or time-travel	2 L PC (1.9 kg)

Larger PC reservoirs (3, 4, 8 L) and metal reservoirs (2, 4 L) carry their own model numbers — state the capacity and material when ordering.

DIMENSIONS Ask us for the dimensioned drawing before machining a mounting.

APPLICATIONS	SYSTEM PAIRING
Engineering and mobile machinery	SD1 / SD2 / SD3 block progressive distributors
Heavy equipment on vehicle supply	U-shaped integrated progressive distributor
Progressive circuits with U-shaped or SD distributors	High pressure hose rated above 30 MPa

CHECK BEFORE ORDERING Grease up to NLGI 2# only. The precision piston pair will be destroyed by sand, abrasive slurry or contaminated grease.

One piston mechanism per outlet, maximum two. A third outlet is not a field addition.

IP55 — not sealed against direct washdown. Site the pump accordingly.

ORDER THIS PART	EMAIL & WEB	WARRANTY
+91 73976 31796 WhatsApp the model code.	mail@amagcnc.com amagcnc.com	One year against manufacturing defect from date of invoice.

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